

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| L1 | 49 | nitrogen with implant\$5 with (interface surface) same ldd | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:50 |
| S1 | 2 | (("6930007") or ("20050059228")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 14:17 |
| S2 | 4 | (("5593907") or ("6010929") or ("6496416") or ("5877514")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 12:05 |
| S3 | 3 | (("5863828") or ("5932487") or ("6677201")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 12:37 |
| S4 | 393034 | silicon adj nitride SiN | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 12:38 |
| S5 | 1684 | (capping cap) adj layer same (anneal annealing) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 12:41 |
| S6 | 37066 | (capping cap) with (remove removing) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 12:41 |
| S7 | 208 | S4 and S5 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 12:49 |
| S8 | 1 | "20040097030" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 12:49 |
| S9 | 0 | ("2004/0097030").URPN. | USPAT | OR | OFF | 2006/03/23 13:25 |
| S10 | 1 | ("20050059260").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 14:10 |
| S11 | 10 | cap adj annealing and stack | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 14:12 |
| S12 | 101 | cap adj annealing | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 14:12 |
| S13 | 4 | cap adj annealing same silicon adj nitride | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/03/23 14:12 |

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|-----|-------|--|--|------|----|---------------------|
| S14 | 496 | interfacial nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 14:14 |
| S15 | 104 | S14 and cmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 14:26 |
| S16 | 83217 | p adj channel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 14:27 |
| S17 | 39954 | lightly adj doped llid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 14:28 |
| S18 | 1261 | nitrogen with gate adj (dielectric insulator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 14:29 |
| S19 | 102 | S16 and S17 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 14:35 |
| S20 | 1344 | nitride and (cap capping capped) same anneal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 14:41 |
| S21 | 8 | S19 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 14:35 |
| S22 | 13370 | nitride same (cap capping capped) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 14:41 |
| S23 | 2 | S21 and S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 14:48 |

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| S24 | 2 | ("20050059260").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/23 15:21 |
| S25 | 9 | BTBAS precursor nitride sidewall | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 15:22 |
| S26 | 17 | BTBAS precursor nitride sidewall | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/03/23 15:22 |
| S27 | 75 | BTBAS precursor nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 15:24 |
| S28 | 16 | BTBAS precursor same sidewall | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 15:24 |
| S29 | 40 | S27 and (spacer sidewall) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 15:24 |
| S30 | 63 | S27 and (spacer or sidewall) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 15:51 |
| S31 | 59 | oxide same nitrogen with interfacial near2 layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/23 15:59 |
| S32 | 2 | ("5726087").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/23 15:59 |
| S33 | 2 | ("20060154411").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/24 14:20 |

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| S34 | 2 | dopant concentration e20 cm3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:37 |
| S35 | 259 | dopant concentration cm3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:38 |
| S36 | 4 | dopant concentration cm3 same pmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:38 |
| S37 | 2 | dopant concentration e20 pmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:39 |
| S38 | 2 | concentration e20 pmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:39 |
| S39 | 3 | e20 pmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:39 |
| S40 | 63 | e20 concentration | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:39 |
| S41 | 16 | e20 concentration and cmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:41 |
| S42 | 58 | e20 and cmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/03/24 14:41 |
| S43 | 2 | ("6576965").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:24 |

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| S44 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S45 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S46 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S47 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S48 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S49 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S50 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S51 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S52 | 0 | ("US6576965B2").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 12:23 |
| S53 | 10 | self adj aligned with lld | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 12:53 |

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| S54 | 16 | self adj aligned same ldd | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 13:06 |
| S55 | 2561 | self adj aligned same ldd | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 13:06 |
| S56 | 1415 | self adj aligned with ldd | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 13:07 |
| S57 | 2 | ("5,061,649").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/10 13:33 |
| S58 | 0 | esposded with lightly adj doped adj drain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/10 13:36 |
| S59 | 0 | exposded with lightly adj doped adj drain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/10 13:36 |
| S60 | 418 | exposed with lightly adj doped adj drain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/10 13:38 |
| S61 | 6328 | nitride near4 (cap capping) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/10 13:42 |
| S62 | 16 | S60 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/10 14:07 |
| S63 | 532 | nitrogen adj interface | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/10 14:07 |

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| S64 | 4 | nitrogen adj interface with (ldd lightly adj doped) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/10 14:07 |
| S65 | 804 | oxynitride with nitride with sidewall | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 11:27 |
| S66 | 148 | S65 and (lhd ldd) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 11:27 |
| S67 | 0 | implant%5 with nitrogen with surface same (source drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 11:32 |
| S68 | 347 | implant\$5 with nitrogen with surface same (source drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 11:32 |
| S69 | 806 | implant\$5 with nitrogen with surface and (silicon adj (oxynitride nitride)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 11:39 |
| S70 | 806 | implant\$5 with nitrogen with surface and (silicon adj (oxynitride nitride)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 11:39 |
| S71 | 2851 | (cap capping) with (anneal annealing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 12:58 |
| S72 | 28 | S70 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 12:58 |
| S73 | 11797 | (cap capping) with (nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:03 |

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| S74 | 73 | S70 and S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:03 |
| S75 | 31158 | (cap capping) with (removing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:10 |
| S76 | 104493 | (cap capping) with (removing removed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:19 |
| S77 | 730 | nitride near3 (cap capping) with (removing removed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:19 |
| S78 | 3 | S77 and S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:20 |
| S79 | 4 | implant\$5 with nitrogen with surface and S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:21 |
| S80 | 45 | S77 and ldd and cmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:23 |
| S81 | 244 | S77 and cmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/14 13:27 |

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